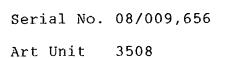


## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

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ATTORNEY DOCKET NO. FIRST NAMED INVENTOR SERIAL NUMBER FILING DATE 01/27/93 TIEDE 10/010,086 REDMAN, J C5M1 PAPER NUMBER ANTHONY G.M. DAVIS ART UNIT LAVIC, DUJOLD AND STRECK 175 CANAL STREET 3508 MANCHESTER, NH 03101 DATE MAILED: This is a communication from the examiner in charge of your application. COMMISSIONER OF PATENTS AND TRADEMARKS \_ This action is made final. This application has been examined Responsive to communication filed on \_\_ \_ days from the date of this letter. A shortened statutory period for response to this action is set to expire. \_ month(s), \_ Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133 THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION: 2. Notice re Patent Drawing, PTO-948. 1. Notice of References Cited by Examiner, PTO-892. Notice of Informal Patent Application, Form PTO-152. 3. Notice of Art Cited by Applicant, PTO-1449. 5. Information on How to Effect Drawing Changes, PTO-1474. SUMMARY OF ACTION are pending in the application Of the above, claims are withdrawn from consideration 2. Claims 3. Claims 4. Claims 5.  $\square$  Claims \_\_\_ are subject to restriction or election requirement. 6. Claims 7. This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes. 8. Formal drawings are required in response to this Office action. \_ . Under 37 C.F.R. 1.84 these drawings 9. The corrected or substitute drawings have been received on \_\_\_ are  $\square$  acceptable.  $\square$  not acceptable (see explanation or Notice re Patent Drawing, PTO-948). 10. The proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_\_ has (have) been approved by the examiner. disapproved by the examiner (see explanation). \_\_\_\_\_, has been approved. disapproved (see explanation). 11. The proposed drawing correction, filed on \_ 12. 🔀 Acknowledgment is made of the claim for priority under U.S.C. 119. The certified copy has 🔲 been received 🔀 not been received \_\_ ; filed on been filed in parent application, serial no. \_ 13. Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14. Other



Acknowledgment is made of applicant's claim for priority based on an application filed in Canada on 1/29/92. It is noted, however, that applicant has not filed a certified copy of the Canadian application as required by 35 U.S.C. § 119.

The drawings are objected to as recited in PTO form 948.

Claims 2 and 3 are rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. There is a lack of antecedent basis for "the cross-sectional area" in claim 2, line 1, and "the cross-sectional dimensions" in claim 3, lines 1-2. In claim 2, line 3 and claim 3, line 3, it is not readily apparent to the Examiner what is meant by "the shape of object". It appears that --an- should be inserted before "object".

The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3 are rejected under 35 U.S.C. § 102(b) as being anticipated by Levinsen. Levinsen discloses a grill having slots formed by vanes (38) and two layers of rings (33, 34, 35, and 36) all of which define a zig zag course thereby excluding a direct path from one side of the grill to the other.

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The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Soviet Union patent #566079, and U.S. patents to Fenner and Kittler all disclose circular type louvers. U.S. patents to Fager, Hoffman, Carew, Wills, and Brown all disclose slot type louvers.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerry Redman whose telephone number is (703) 308-2168.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-2168.

Jerry Redman April 17, 1993

SUPERVISORY PATENT EXAMINER
GROUP 3500